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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference OPP031113KR		FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/KR 2003/002232	International filing date (day/month/year) 22 October 2003 (22.10.2003)	Priority Date (day/month/year) 22 October 2002 (22.10.2002)	
International Patent Classification (IPC) or national classification and IPC IPC ⁷ : H04N 5/262			
Applicant ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE			

1. This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets, including this cover sheet.
- ☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I. ☒ Basis of the opinion
- II. ☐ Priority
- III. ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV. ☐ Lack of unity of invention
- V. ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI. ☐ Certain documents cited
- VII. ☐ Certain defects in the international application
- VIII. ☐ Certain observations on the international application

Date of submission of the demand 21.05.2004	Date of completion of this report 23 March 2005 (23.03.2005)
Name and mailing address of the IPEA/AT Austrian Patent Office Dresdner Straße 87 A-1200 Vienna Facsimile No. 1/53424/200	Authorized officer FUSSY S. Telephone No. 1/53424/328

Form PCT/IPEA/409 (cover sheet) (July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/KR 2003/002232

I. Basis of the report

1. With regard to the elements of the international application:*

☒ the international application as originally filed

☐ the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____.

☐ the claims:

pages _____, as originally filed

pages _____, as amended (together with any statement) under Article 19

pages _____, filed with the demand

pages _____, filed with the letter of _____.

☐ the drawings:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____.

☐ the sequence listing part of the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____.

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

☐ the language of publication of the international application (under Rule 48.3(b)).

☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

☐ contained in the international application in printed form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____.

☐ the claims, Nos. _____.

☐ the drawings, sheets/fig _____.

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as „originally filed“ and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/KR 2003/002232

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement			
Novelty (N)	Claims	1-12	YES
	Claims	----	NO
Inventive step (IS)	Claims	1-12	YES
	Claims	----	NO
Industrial applicability (IA)	Claims	1-12	YES
	Claims	----	NO

Citations and explanations (Rule 70.7)

The following documents have been cited in the Search Report:

D1: US 2002152233 A

D2: JP 2000 358192 A

Both documents represent the prior art with regard to the subject-matter of the independent claims 1, 4, 6, and 10 of the present application and show image or multimedia editing systems.

D1 relates to an object-based interactive multimedia contents authoring apparatus and method for digital broadcasting services which include media objects such as video, audio, static images, graphics, animation, character information, etc. An object editorial information processor processes the editorial information for time and spatial allocation of each media object, for user interactivity and a property, and for the properties characterizing each media object, and converts the multimedia contents from user interface to a form applicable to an object-based internal material structure and stores it. The processor changes the stored information to a file form and output to a media coder/decoder. The audio coder and decoder employ an audio coding/decoding technique satisfying MPEG-4 audio standard.

However, neither an extensible description generator for receiving MPEG-4 and MPEG-7 descriptions of the MPEG-4 contents and generating an XML-based textual format nor an extensible description/binary converter nor an XML based contents storage unit are disclosed in D1.

D2 discloses a scene description generation apparatus of an image editing system. The scene description information about the distribution position of object in a scene, is generated by a MPEG-4 scene description generator based on the positional information output by the segmentation device.

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Box V (page 1)

Again, neither an extensible description generator for receiving MPEG-4 and MPEG-7 descriptions of the MPEG-4 contents and generating an XML-based textual format nor an extensible description/binary converter nor an XML based contents storage unit are disclosed in D2.

The remaining claims 2, 3, 5, 7 to 9, 11, and 12 of the present application specify preferred embodiments of the subject-matter of the independent claims 1, 4, 6, and 10.

Summarizing, all of the above cited documents merely define the state of the art. Therefore, the subject-matter of claims 1 to 12 can be considered novel and involving an inventive step. The industrial applicability is given, too.